

[0062] Variable intensity headlamps also result in better noise filtration. In particular, whenever a light source is detected which causes the brightness of the controlled headlamps of the vehicles to be decreased, other images can be detected to determine if the intensity of these other light sources decreases by a similar amount. If so, the system would be able to determine that the light source is a reflection from the vehicle's headlamps. Such information can be used as feedback to provide a relatively efficient means for eliminating nuisance light caused by reflections of the control vehicle headlamps. In such an embodiment, the brightness threshold discussed above would not be used. More particularly, the brightness of the brightest headlamp and tail lamp in the images is used to determine the brightness of the controlled vehicle's headlamps. The brighter the headlamps or tail lamp in the images, the dimmer the controlled headlamps.

[0063] Obviously, many modifications and variations of the present invention are possible in light of the above teachings. Thus, it is to be understood that, within the scope of the appended claims, the invention may be practiced otherwise than as specifically described above.

[0064] The above description is considered that of the preferred embodiments only. Modifications of the invention will occur to those skilled in the art and to those who make or use the invention. Therefore, it is understood that the embodiments shown in the drawings and described above are merely for illustrative purposes and not intended to

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limit the scope of the invention, which is defined by the following claims as interpreted according to the principles of patent law, including the doctrine of equivalents.